

TRITORC

Process & Pipeline Services



PIPELINE PROCESS SERVICES



HYDRO TESTING

With reliable pressurizing equipment and recording devices, safe and methodical pressure testing is carried out by filling process equipment with water and pressurizing it 1.25 to 1.50 times the design pressure or as per client specification. This is carried out to ensure vessel and pipe integrity while under sustained pressure.

DRY AIR FLUSHING

Drying is the process of removing moisture or other liquids from the pipeline. This is typically done after hydrostatic testing or before commissioning a new pipeline.

Different methods, such as using dry air may be employed to accelerate the drying process.



LUBE OIL FLUSHING

Tritorc additionally provides services that cover Stainless steel pipes near Gas Turbines and Compressors with Lube Oil Flushing and Chemical Cleaning of Carbon steel pipes.

Equipment Available:

Model : FS4000 | Power : 160KW

Flow Rate : 4000 lpm | Piping : up to 8"

NITROGEN PURGING & PRESERVATION



This process is used to displace oxygen and other toxic gases for the safety of the line and to avoid corrosion. As per the client's requirement nitrogen is preserved in the pipeline or process equipment at the required pressure.

Equipment Available:

Flow Rate : 180k | 10,000 psi (700 bar)

1,80,000 scf per hour

NITROGEN HELIUM LEAK TEST

On hydrocarbon process equipment and pipelines, a combined Nitrogen and Helium gas mixture is used (with 99% Nitrogen & 1% Helium) to detect leaks due to the inert nature of the gases used, wherein nitrogen and helium are both neutral gases and helium can pass through the smallest of leaks and is detectable using specialized instruments such as mass spectrometers. This is a sensitive leak detection method used to identify even small leaks in pipelines or other systems.



Whereas, on Non-Hydrocarbon Lines, a pure nitrogen leak test is preferred. Nitrogen testing is performed to assess the pressure tightness and integrity of pipelines. Nitrogen gas is used to pressurize the pipeline, and the pressure is monitored to detect any leaks or weaknesses in the system and flange joints, and other connections.

Commissioning Pipelines can be carried out post the inspection of the pipelines and process equipment ensuring practically absent leakages per year.



PNEUMATIC TESTING

A safe and planned execution of Pneumatic Testing of process equipment and pipes can be carried out 1.1 times the design pressure or as per client specification.

**We have Operational Bases & Supply Depots in
Oman, UAE, KSA, Qatar and Kuwait to assist you with Our On-Site Machining Solutions.**

TRITORC

BRAND PROMISE:

“Right People, Right Attitude, Consistency, Safety and Reliability.”

Throw us a challenge and we will give you the desired Result.

Just as tempered steel is stronger, At Tritorc we believe passionately accepting a tough challenge increases our potential and confidence by delivering on-time results under the wise tutelage of our exceptional leadership, the efforts of incredibly talented people, and their right attitude towards the challenge.

OUR PRESENCE



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